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- (1) m, n, p and q are zero and o is between 5 to 50,000,
 - (2) n, p and q are zero, sum of m and o is between 5 to 50,000 and mol fraction of m is between 0.05 to 0.95,
 - (3) m, p and q are zero, sum of n and o is between 5 to 50,000 and mol fraction of n is between 0.05 to 0.95,
 - (4) p and q are zero, sum of m, n and o is between 5 to 50,000 and mol fraction of n is between 0.05 to 0.95,
 - (5) n, o and p are zero, sum of m and q is between 5 to 50,000 and mol fraction of q is between 0.05 to 0.50,
 - (6) n, o and q are zero, sum of m and p is between 5 to 50,000 and mol fraction of m is between 0.05 to 0.90, and
 - (7) q is zero and sum of m, n, o and p is between 5 to 50,000.

31. The composition of claim 30, wherein R_1 is $-\text{CH}_2\text{CH}_2-$; R_2 is $-\text{COOR}_6$; R_4 is a hydrogen atom; and R_5 is a hydrogen atom.--

Remarks

Prior to the present amendment, claims 1-27 were pending in the present application. Claims 1 has been rejected. Claims 2-27 have been objected to as being dependent upon a rejected base claim, but have been indicated to be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Applicants thank the Examiner for indicating that these claims will be allowable.

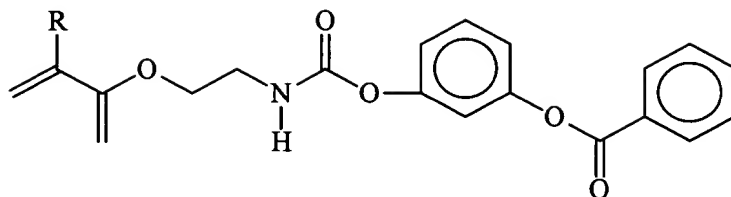
Claim 1-4, 8, 13-17 and 20-27 have been amended mostly for purposes of clarity and, in some cases, to remove improper multiple dependencies. New claims 28-31 have been added. All of the amendments and new claims are fully supported by the specification, and it is believed that no new matter has been added.

Claim Rejections under 35 U.S.C. §102

DeBergalis

The Examiner has rejected claims 1 under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No.4,636,431, issued January 13, 1987, to inventor DeBergalis. [hereinafter "DeBergalis"].

The Examiner has cited DeBergalis for allegedly teaching a radiation sensitive composition comprising a compound represented by the formula



where R is H or methyl (Column 6, compound 10 of DeBergalis). The Examiner alleges that compound 10 meets the limitations of formula I of claim 1 where R₁ is C₂ alkylene, X is O, Y is O and D is a substituted phenyl group.

This rejection is overcome in view of the present amendment to claim 1. Amended claim 1 now excludes from its scope the compound represented by General Formula I. Thus the above compound of DeBergalis is outside the scope of present claim 1, and the anticipation rejection is deemed overcome.

Claim Objections

The Examiner has objected to claim 1 in that on page 43, the last line has a comma (",") before the word "phenyl group", which the Examiner alleges leads to confusion. The comma has been deleted in amended claim 1. The claim objection is therefore deemed overcome.

New Claims

New claims 28 and 29 are directed to part of the subject matter of original claims 26 and 27 respectively. New claims 30 and 31 more particularly point out and more distinctly claim subject matter, which the applicants regard as their invention. Support for the proviso in claim 30 can be found on pages 21-22 of the specification.

IDS

With respect to the Fahey reference mentioned by the Examiner on page 4 of paper number 5, attached is a copy of the same, as the Examiner indicated that the copy she received did not include the full article with relevant Figures missing. The Examiner is respectfully requested to include this reference as a cited reference of record.

CONCLUSION

The above is believed to be a complete response to the Official Action dated August 1, 2000. The issuance of a Notice of Allowance for all of the claims is respectfully requested. If minor issues remain to be resolved, a telephone call to the undersigned is suggested.

Respectfully submitted,

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Date